In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claims 1, 4 and 5, cancel claim 3 and add new claim 7 as follows:

1. (Currently Amended) A solid filling tank comprising:

a tank main body configured to be filled with solid particles capable of absorbing or adsorbing a predetermined gas; and

a heat exchanger disposed within the tank main body,

wherein the heat exchanger comprises:

a circulation tube configured to circulate a medium to exchange heat with the solid particles; and

a plurality of heat transferring fins each attached to the circulation tube and arranged in parallel to each other,

wherein the heat-transferring fins comprise a restricting portion configured to restrict movement of the solid particles in a subsiding direction of the solid particles, the restricting portion comprises a plurality of partitioned portions formed in between each opposing pair of the heat-transferring fins.

2. (Original) The solid filling tank as claimed in claim 1, wherein the subsiding direction comprises a direction in parallel to the heat-transferring fins.

3. (Cancelled)

4. (Currently Amended) The solid filling tank as claimed in claim [[3]]1, wherein the heat-transferring fins comprise a first heat-transferring fin formed in corrugated plate shape and a second heat-transferring fin formed in flat plate shape,

wherein the first heat-transferring fin and the second heat-transferring fin are arranged alternatively in parallel to each other, and

wherein the restricting portion comprises the partitioned portion formed in between each of the opposing pair of the first heat-transferring fin and the second heat-transferring fin.

5. (Currently Amended) The solid filling tank as claimed in claim [[3]]1, wherein the heat-transferring fins comprise a through hole configured to permit the solid particles to pass therethrough, and

wherein the plurality of partitioned portions are configured to be communicated with each other via the through hole.

6. (Original) The solid filling tank as claimed in claim 1, wherein the solid particles comprise hydrogen absorbing alloy powder capable of absorbing hydrogen.

7. (New) A solid filling tank comprising:

a tank main body configured to be filled with solid particles capable of absorbing or adsorbing a predetermined gas; and

a heat exchanger disposed within the tank main body,

wherein the heat exchanger comprises:

a circulation tube configured to circulate a medium to exchange heat with the solid particles; and

a plurality of heat transferring fins each attached to the circulation tube, the heat-transferring fins comprise a first heat-transferring fin formed in corrugated plate shape and a second heat-transferring fin formed in flat plate shape, which are arranged alternatively in parallel to each other, and the heat-transferring fins further comprise a through hole configured to permit the solid particles to pass therethrough,

wherein the heat-transferring fins comprise a restricting portion configured to restrict movement of the solid particles in a subsiding direction of the solid particles and the restricting portion comprises a plurality of partitioned portions formed in between each of the opposing pair of the first heat-transferring fin and the second heat-transferring fin, and the plurality of partitioned portions are configured to be communicated with each other via the through hole.